

Reale accademia dei Lincei. Atti. Roma. v. 17. 1. sem. Fasc. 3.
Trabacchi, C. C. La dispersione elettrica in un luogo sotterraneo chiuso. p. 106-107.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

H. H. KIMBELL, Librarian.

The following titles have been selected from among the books recently received, as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Most of them can be loaned for a limited time to officials and employees who make application for them. Anonymous publications are indicated by a —.

Akerblom, F.

Recherches sur les courants les plus bas de l'atmosphère au dessus de Paris. Upsala. 1908. 45 p. 4° (Nova acta Regiae societatis scientiarum Upsaliensis. Ser. 4. Vol. 2. N. 2.)

Batavia. Royal magnetical and meteorological observatory. Observations made at the . . . Vol. 28, 1905. Batavia. 1907. xxxvii, 198 p. 1°.

Appendices 1-3. Batavia. 1907.

Brendel, Bruno.

Die meteorologischen Elemente der Ostsee-Insel Poel auf Grund 25-jähriger Beobachtungen. Ein Beitrag zur Klimatologie von Mecklenburg-Schwerin. 1906. 56 p. 1°. (Beiträge zur Statistik Mecklenburgs. Vom Grossherzoglichen statistischen Amt zu Schwerin. 15 Bd. 1 Heft.)

Costanzo, G. and Negro, C.

Dispersione elettrica in giornate temporalesche. (Estratto dagli Atti della Pontificia accademia Romana dei nuovi Lincei. Anno 61. Sessione 1 del 15 dicembre 1907) 6 p. 4°.

Dewar, Daniel.

Atmospheric movements for 1907-8. [London.] 3 p. 24°.

Eiffel, G.

Recherches expérimentales sur la résistance de l'air, exécutés à la Tour Eiffel. Paris. 1907. vi, 98 p. 1°.

Eredia, Filippo.

Il regime pluviometrico sulle coste italiane. Roma. 1907. 7 p. 4°. (Estratto dalla Rivista agraria della 1 decade di Novembre 1907.)

Eredia, Filippo.

L'unidità relativa dell'aria sulla riviera Ligure. Roma. 1907. 6 p. 4°.

Fischer, Alfred.

Die Hurricanes oder Drehstürme Westindiens. Gotha. 1908. 70 p. 4°. (Petermann's Mitteilungen Ergänzungsheft Nr. 159.)

Fitzwar, Rudolf.

Niederschlag und Bewölkung in Kleinasien. Gotha. 1902. 90 p. 4°. (Petermann's Mitteilungen Ergänzungsheft Nr. 140.)

Gilbert, Otto.

Die meteorologischen Theorien des griechischen Altertums. Leipzig. 1907. iv, 746 p. 8°.

Gregory, J. W.

Climatic variations; their extent and causes. México. 1906. 24 p. 4°.

Hildebrandt, A.

Die Luftschifffahrt nach ihrer geschichtlichen und gegenwärtigen Entwicklung. München. 1907. v, 426 p. 8°. [Contains a chapter on upper air research, with illustrations, including several portraits.]

Hoffmann, Immanuel.

Die Anschauungen der Kirchenväter über Meteorologie. Ein Beitrag zur Geschichte der Meteorologie. München. 1907. viii, 96 p. 8°. (Münchener geographische Studien. 22. Stück.)

India. Meteorological department. Calcutta.

Memorandum on the meteorology of India during Oct. and Nov. 1907 . . . Calcutta. 1908. 5 p. 1°.

International meteorological committee.

Règlement de l'organisation météorologique internationale [with lists of members of the International committee and subcommittees]. Berlin. 1908. n.p. 4°. (Circ. n. s. Nr. 2.)

Internationale seismologische Assoziation.

Verhandlungen der vom 16 bis 20 Oktober 1906 in Rom abgehaltenen ersten Tagung der permanenten Kommission der Internationalen seismologischen Assoziation. 207 p. 1°.

Japan. Central meteorological observatory.

Results of the meteorological observations made in Japan for each period of five years since 1876 and for the 10, 15, 20, 25, 30 years ending 1905. Tokio. 1906. 159 p. 4°.

Jersey. Observatoire St. Louis.

Bulletin des observations magnétiques et météorologiques. 14. année 1907. Jersey. 1907-8. 34 p. 4°.

Juiz de Fora. Serviço meteorológico.

Boletim do anno de 1907. [Juiz de Fora. 1908.] 8°.

Krause, —.

Kurze Anleitung zum Verständnis des öffentlichen Wetternachrichtendienstes und der Wetterkarten. Pless. 1907.

Krisch, —.

Barometrische Höhenmessungen und Reduzierungen zum praktischen Gebrauche von Jelineks Tafeln. Wien. 1907. 44 p. 4°.

Livingston, Burton Edward.

The relation of desert plants to soil moisture and to evaporation. Washington. 1906. 78 p. 8°.

Longstaff, T. G.

Mountain sickness and its probable causes. London. 1906. 56 p. 8°.

Macnab, John.

Catechism of the laws of storms for the use of sea officers . . . London. 1907. 5th ed. 70 p. 12°.

Madrid. Observatorio.

Resumen de las observaciones meteorológicas efectuadas en la Península y algunas de sus islas adyacentes durante los años 1899 y 1900. Madrid. 1906. xvi, 356 p. 8°.

Moscow. Imperial university. Meteorological observatory.

Beobachtungen . . . 1903. Moscow. 1907. 108 p. 8°.

Same. 1904. Moscow. 1907. 109 p. 8°.

Oddone, Emilio.

Les tremblements de terre ressentis pendant l'année 1904. Strassburg. 1907. xi, 361 p. 4°. (Publications du Bureau central de l'Association internationale de sismologie. Série B. Catalogues.)

Oklahoma agricultural experiment station.

Sixteenth annual report, 1906-7. Stillwater, Okla. [1907.] 63 p. 8°. [Includes data of precipitation, by years, 1889-1906.]

Rosenthal, Elmar.

Katalog der im Jahre 1904 registrierten seismischen Störungen. Strassburg. 1907. xii, 145 p. 4°. (Publications du Bureau central de l'Association internationale de sismologie. Série B. Catalogues.)

Schultheiss, Chr.

Die Niederschlags-Verhältnisse des Rheingebietes. Karlsruhe. 1890. 28 p. 4°.

Scottish national antarctic expedition.

Report on the scientific results of the voyage of S. Y. Scotia during the years 1902, 1903, and 1904, under the leadership of William S. Bruce. v. 2. -Physics. Pt. 1. -Meteorology, by R. C. Mossman. Pt. 2. -Magnetism, by Charles Chree. Pt. 3. -Tides, by Sir George H. Darwin. Edinburgh. 1907. v, 324 p. 4°.

Stevens, James Stacy.

Meteorological conditions at Orono, Me. Orono, 1907. 52 p. 8°. (The University of Maine studies. No. 7.) [Includes collected data from 1869; describes experiments on evaporation of liquids, and of snow and ice.]

Stormer, Carl.

On the trajectories of electric corpuscles in space under the influence of terrestrial magnetism . . . Kristiania. 1907. 47 p. 8°. (Archiv für mathematik og naturvidensk. Bd. 28. Nr. 2.)

Vincent, J.

Nouvelles recherches sur la température climatologique. Bruxelles. 1907. 120 p. 1°. (Extrait des Annales météorologique de l'Observatoire royal de Belgique, année 1907, nouvelle série.)

Zi-ka-wei. Observatoire magnétique, météorologique et sismologique.

Bulletin des observations. Tome 31. Année 1905. Fascicule A. Magnétisme terrestre. Chang-hai. 1907. 64 p. 1°.

NOTES FROM THE WEATHER BUREAU LIBRARY.

By C. FITZHUGH TALMAN, Assistant Librarian.

THE KITE STATION ON LAKE CONSTANCE.

Das Weltall for February 15, 1908, contains an illustrated description of the kite station at Friedrichshafen, on Lake Constance, which is to be opened April 1 of this year. This station was established and is to be maintained at the joint expense of the German Empire and the States of Bavaria, Württemberg, Baden, and Alsace-Lorraine, but will be attached especially to the meteorological service of Württemberg. An important part of its equipment is a small steamboat, the *Gna*, which will be used to lift the kites in calm or stormy weather. In the latter case the steamer will run with the wind, thus moderating its effect upon the kite. As Lake Constance is not far from the first-order meteorological station at the top of the Säntis, a good opportunity will be afforded to compare observations at a mountain station with those made in the free air at a similar altitude.

The establishment of this new station is a fresh proof of the great interest taken in upper air research by the German imperial and state governments, which already maintain the most complete aeronautical observatory of the world, at Lindenbergs, Prussia, the kite station of the Deutsche Seewarte.